



Coal Transportation in Indiana

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Indiana Department of Transportation





Indiana Coal Movement – Modal Data

By Mode in Tons (millions) and % modal share (2006)

	<u>IntraState</u>	<u>Inbound</u>	<u>Outbound</u>
TRUCK	15.9 (48.2%)	1.1 (2.8%)	14.5 (30%)
RAIL	17.0 (51.5%)	34.8 (88.6%)	30.0 (62%)
WATER	0.1 (0.3%)	3.4 (8.6%)	3.9 (8%)
Totals	33.0	39.3	48.4

Sources: U.S. DOT, FAF 2.2; www.eia.doe/





Modal shift impact - Indiana

- Rail & Water move over 9 million truckloads annually

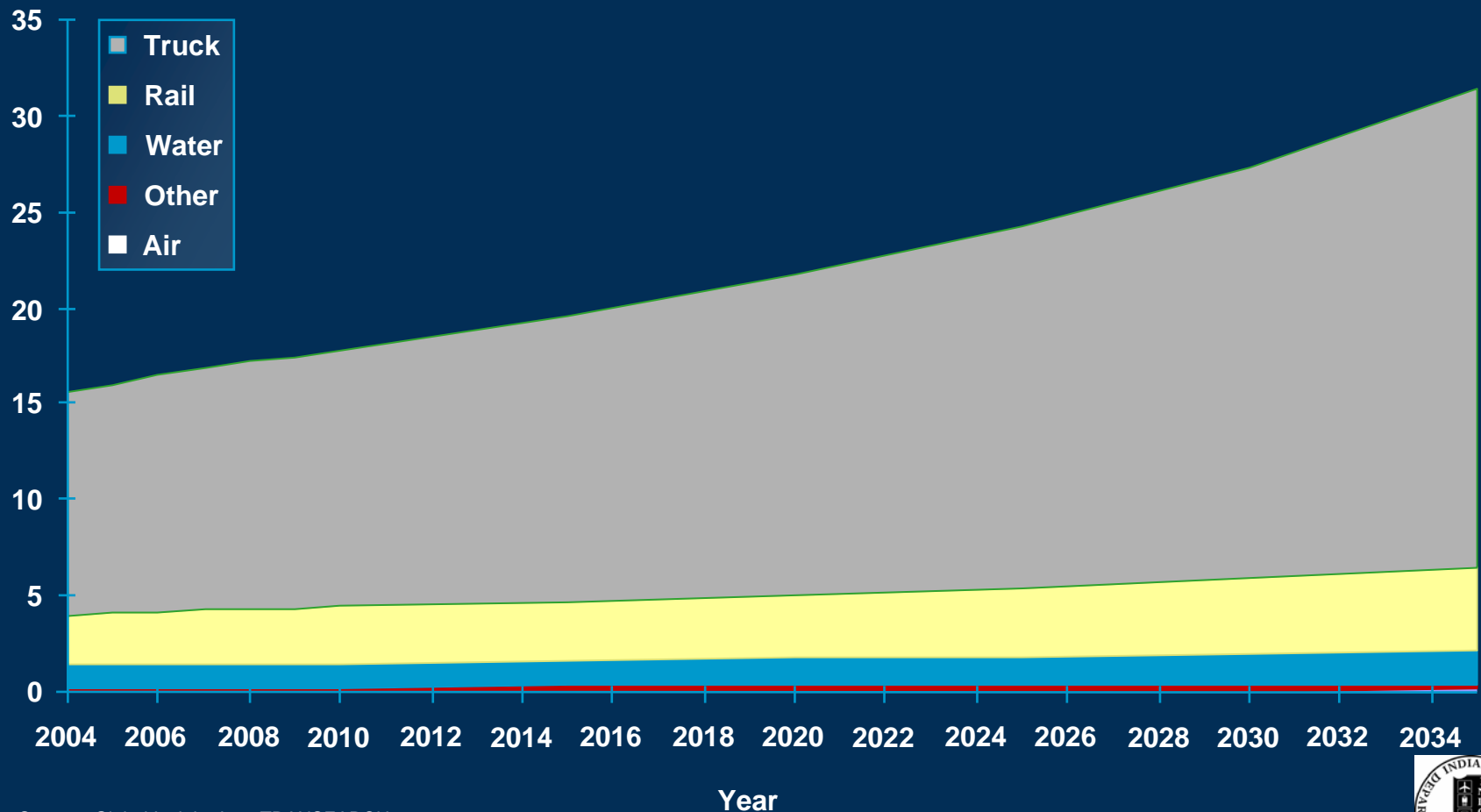




National Freight Transportation

Demand at an All-Time High and Growing

Net Freight Tons (in Billions)

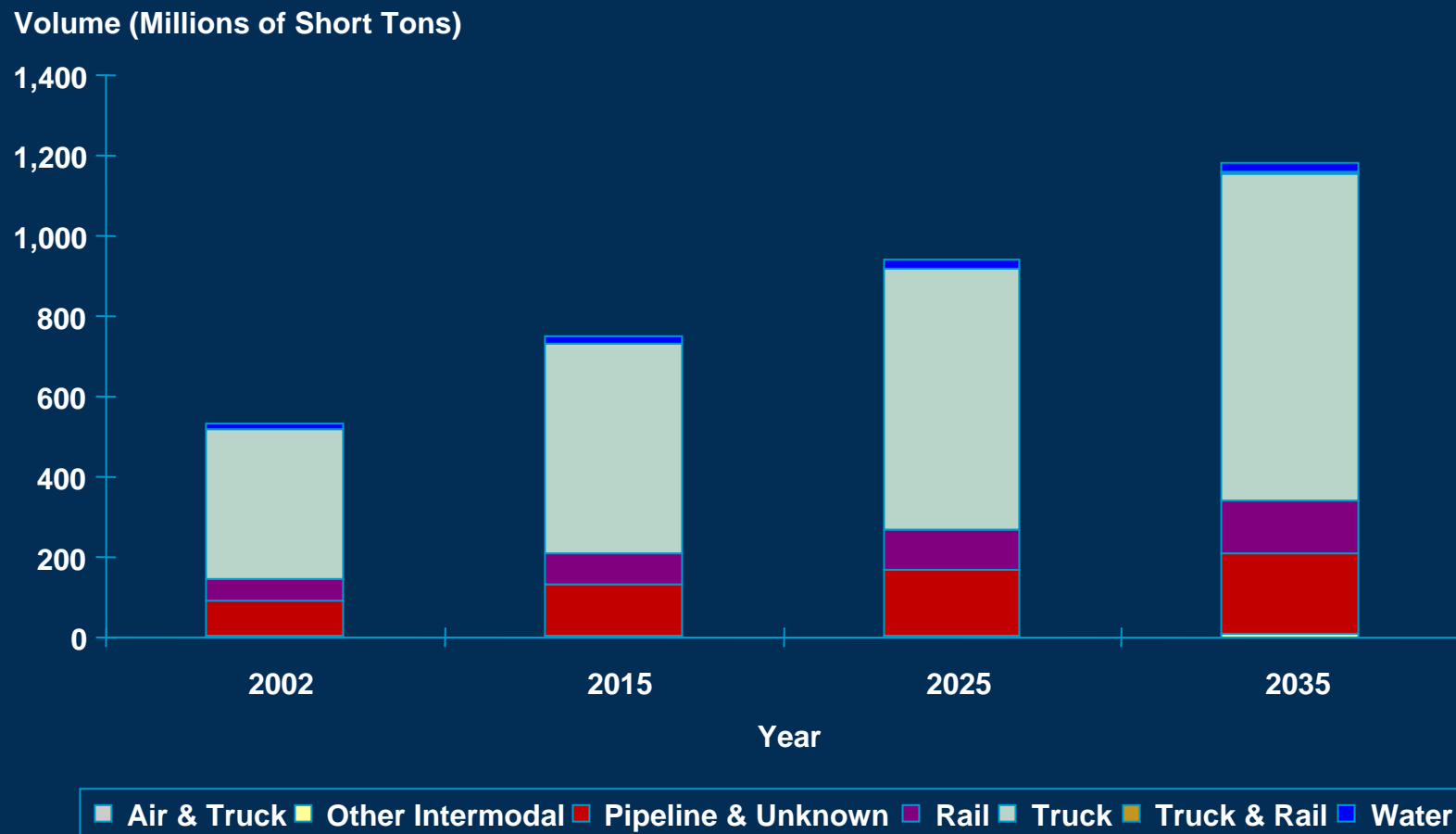


Source: Global Insight, Inc., TRANSEARCH, 2004





Freight Tonnages by Transportation Mode Inbound to Indiana



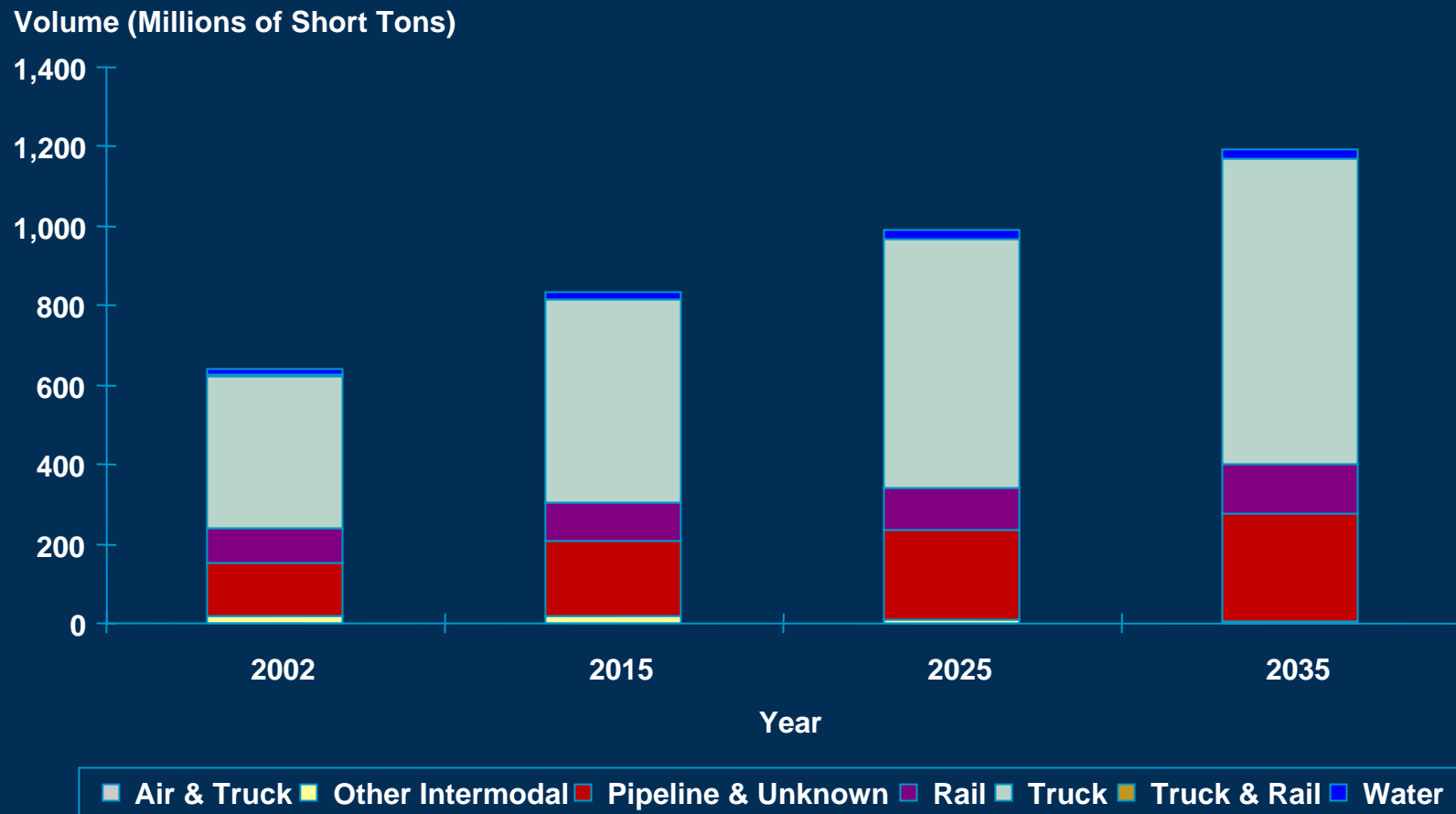
Source: FHWA Freight Analysis Framework Version 2.2





Freight Tonnages by Transportation Mode

Outbound from Indiana



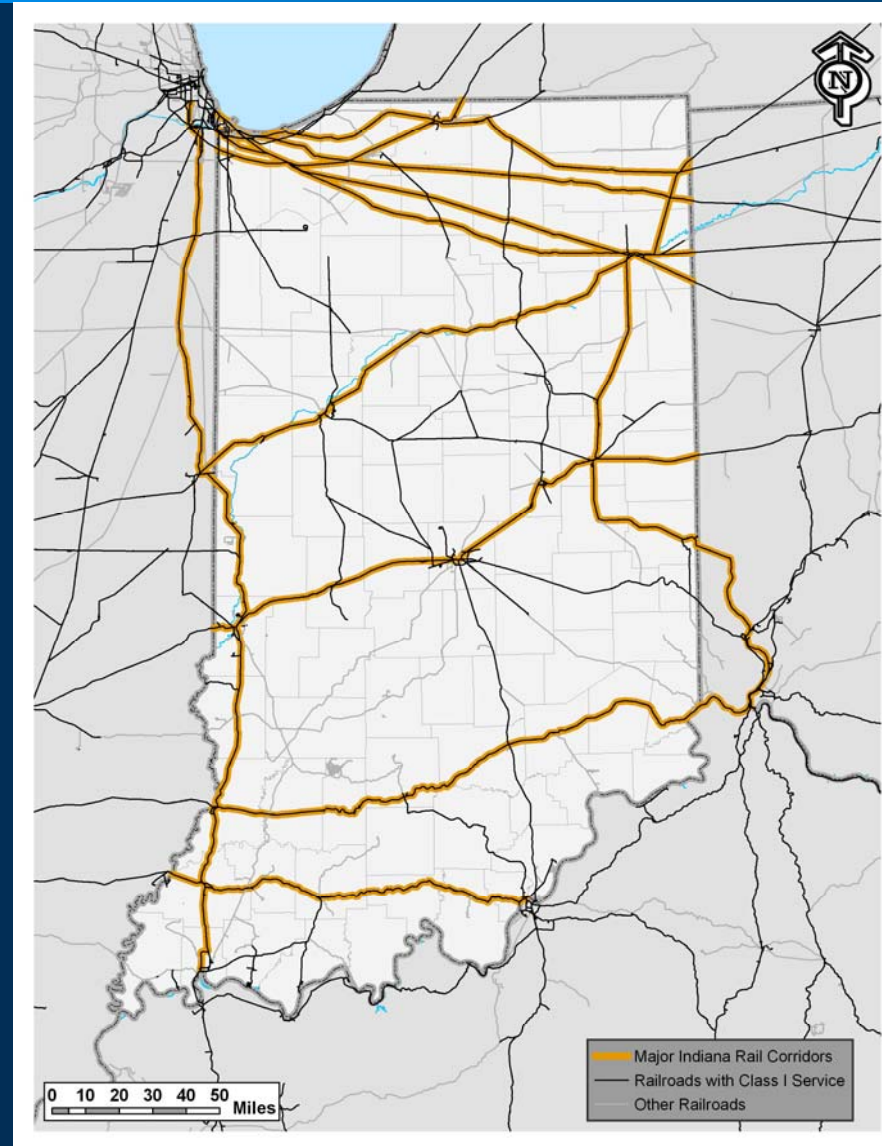
Source: FHWA Freight Analysis Framework Version 2.2





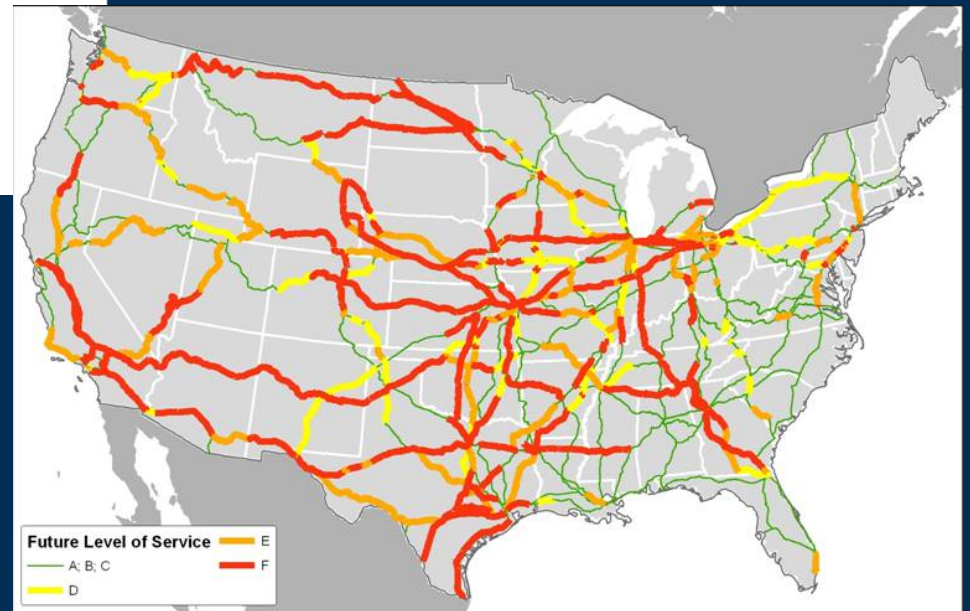
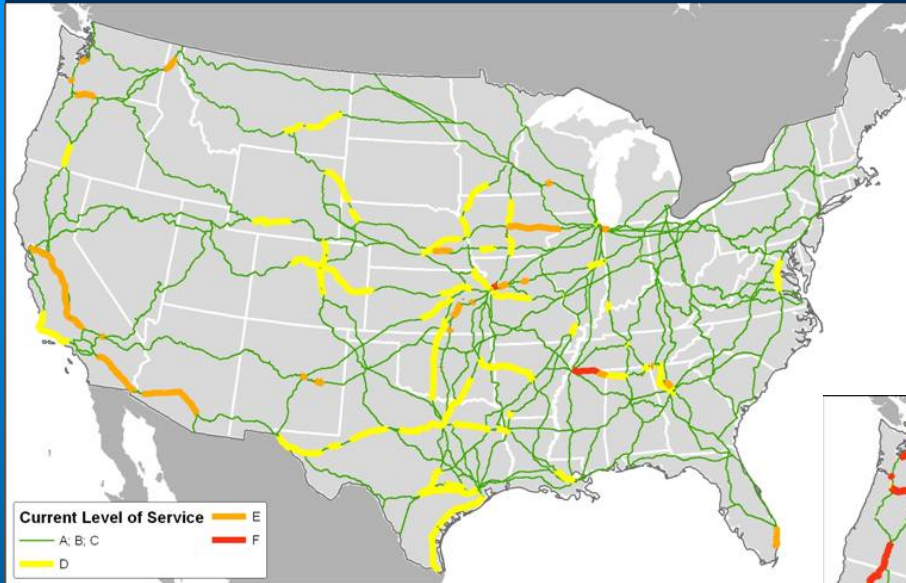
Indiana's Rail Network

40 Freight railroads operating on 4,165 miles. Hauled 298 million tons in 6.8 million railcars. (Source: AAR 2005 data)





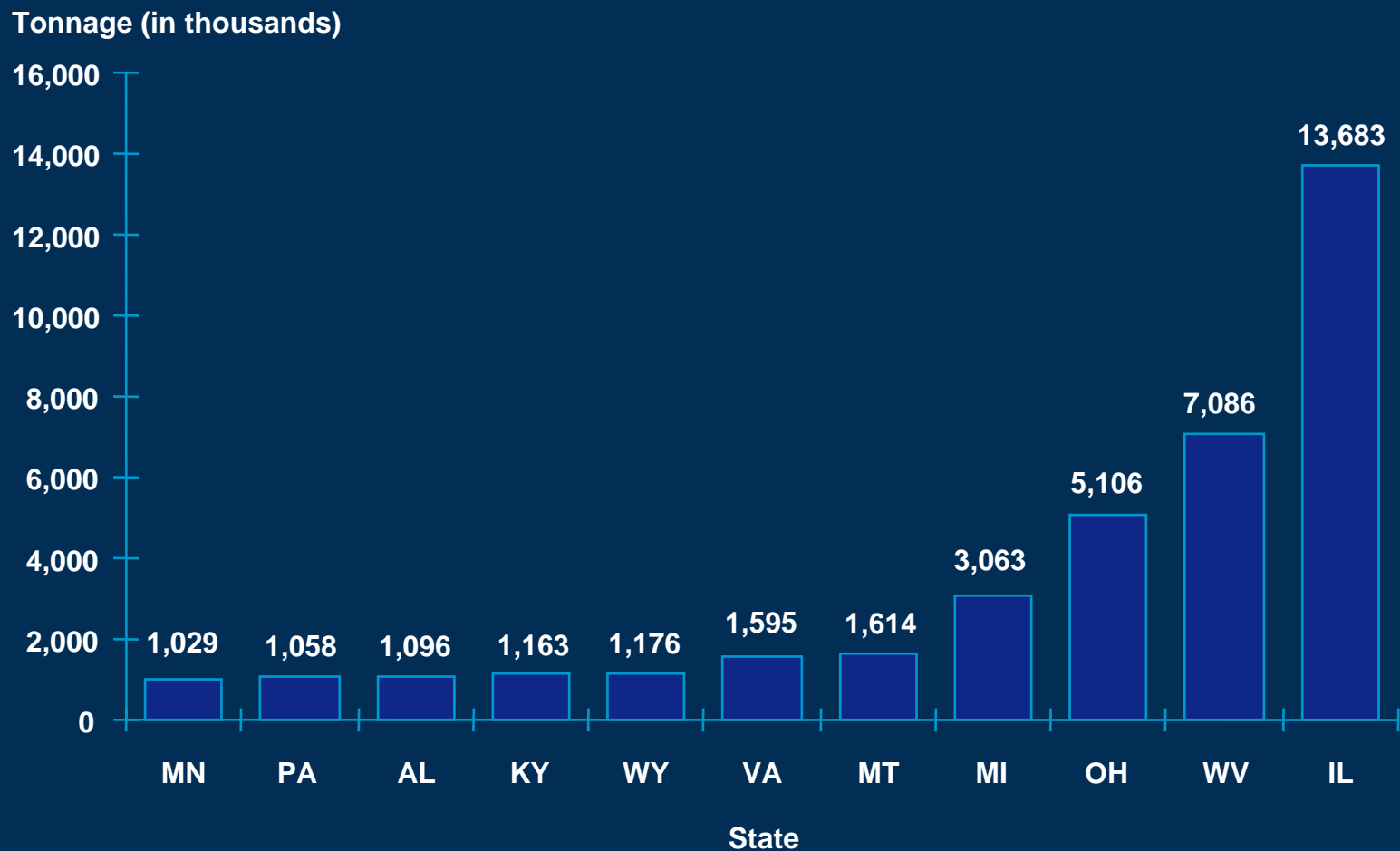
Current and Projected Rail Levels of Service (2007, 2035)





Indiana's Trading Partners

Inbound Rail Tonnage by Origin State (2005)





Indiana's Trading Partners

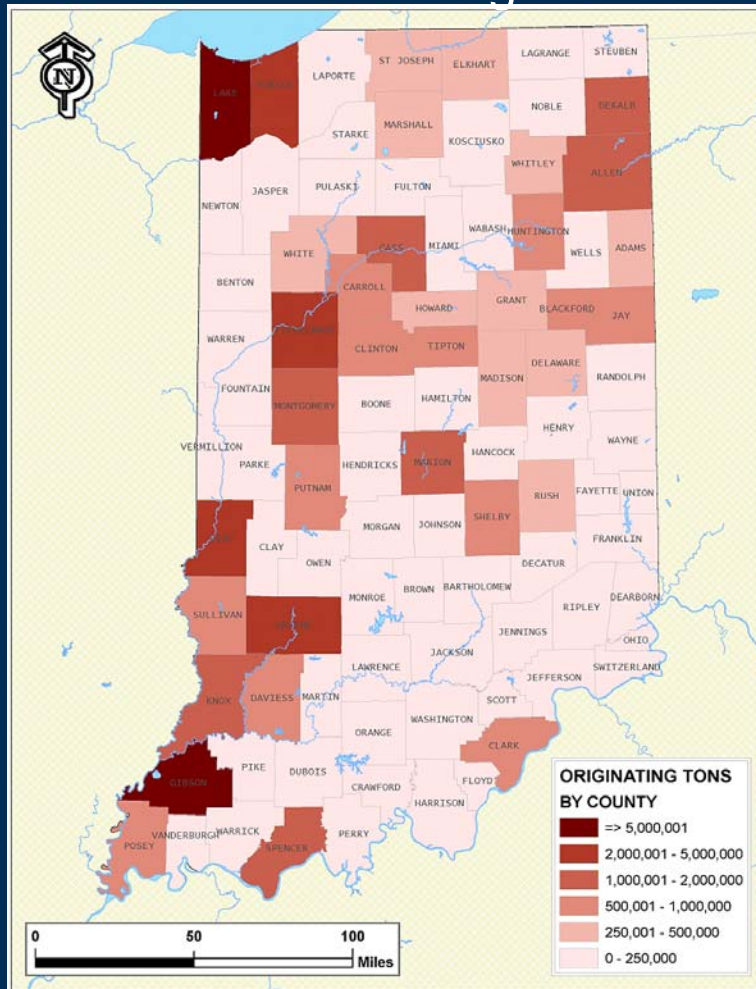
Outbound Rail Tonnage by Destination State (2005)

Tonnage (in Thousands)

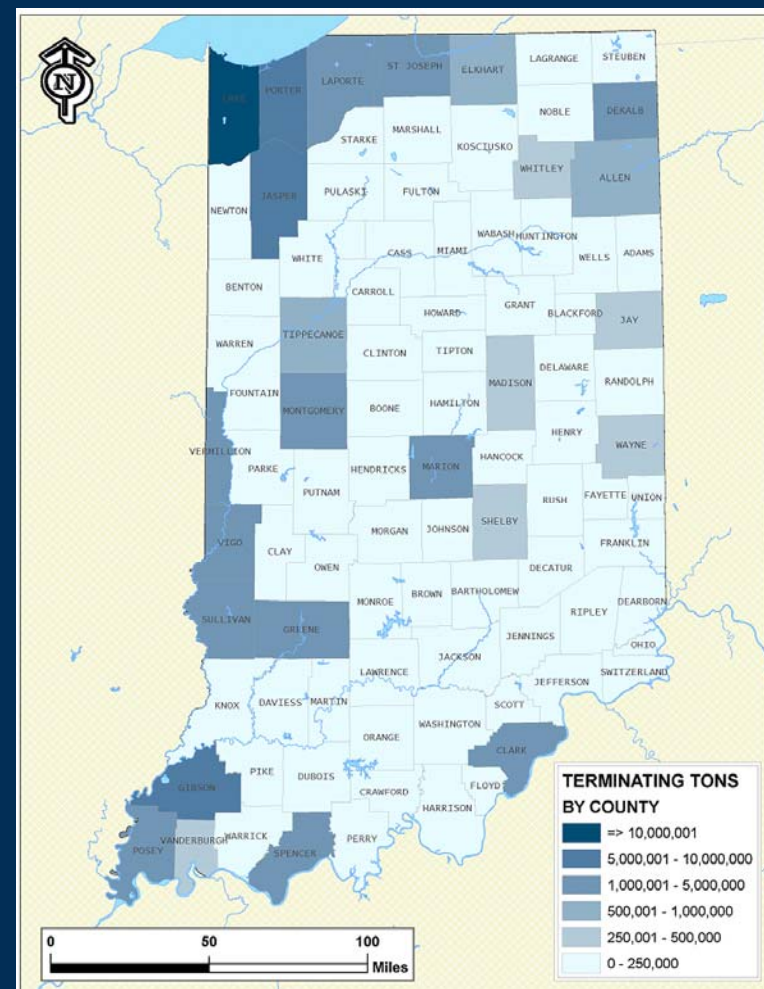


Indiana Inbound & Outbound Rail Commodity Flows by County (2005)

Outbound Origins

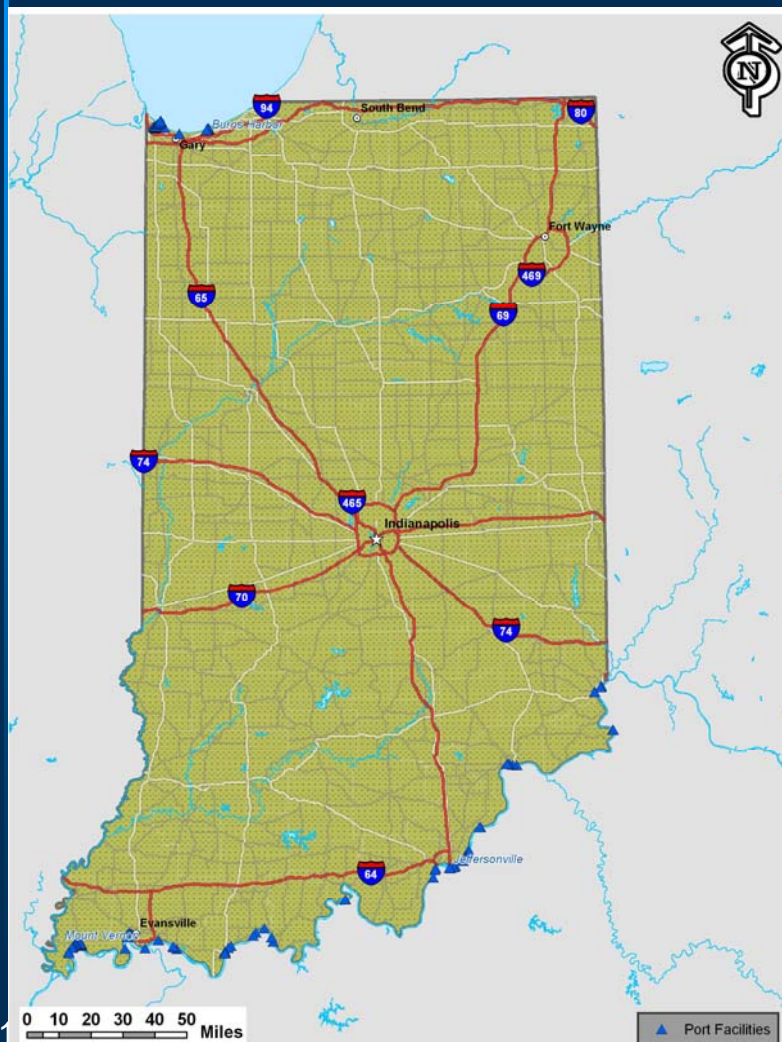


Inbound Destinations

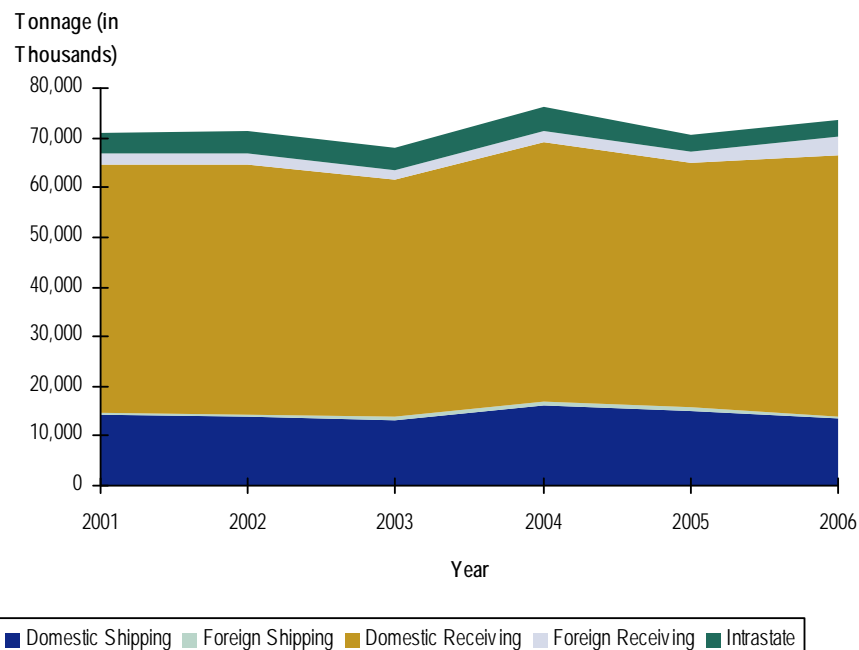


Marine Cargo in Indiana

Indiana's Marine Port Facilities

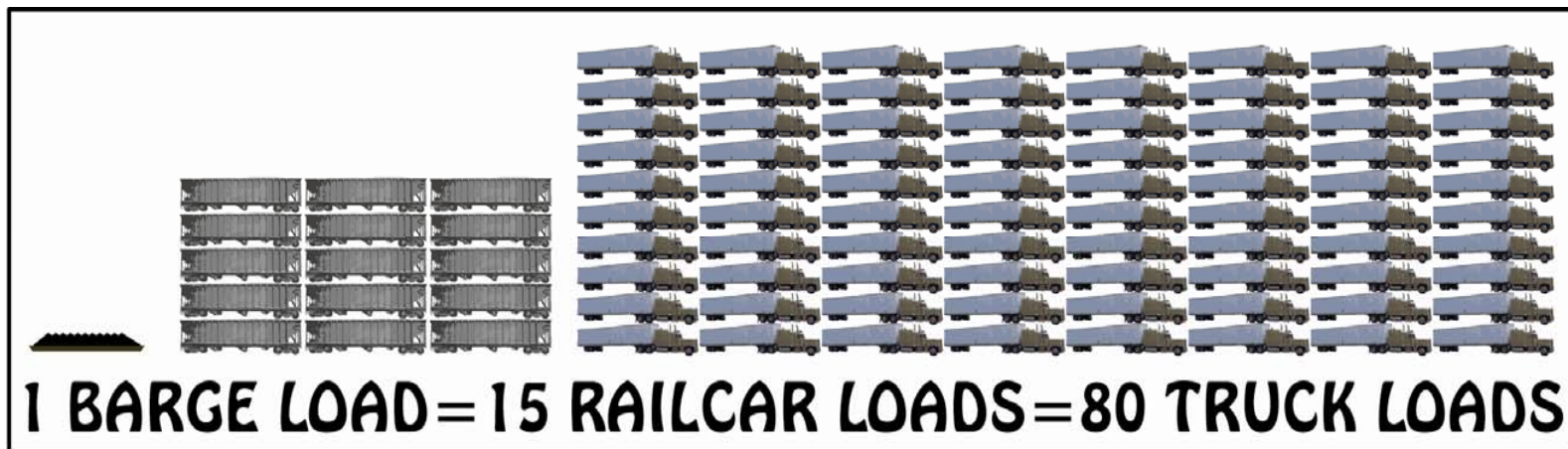


Indiana's Waterborne Freight Flows (2001-2006)



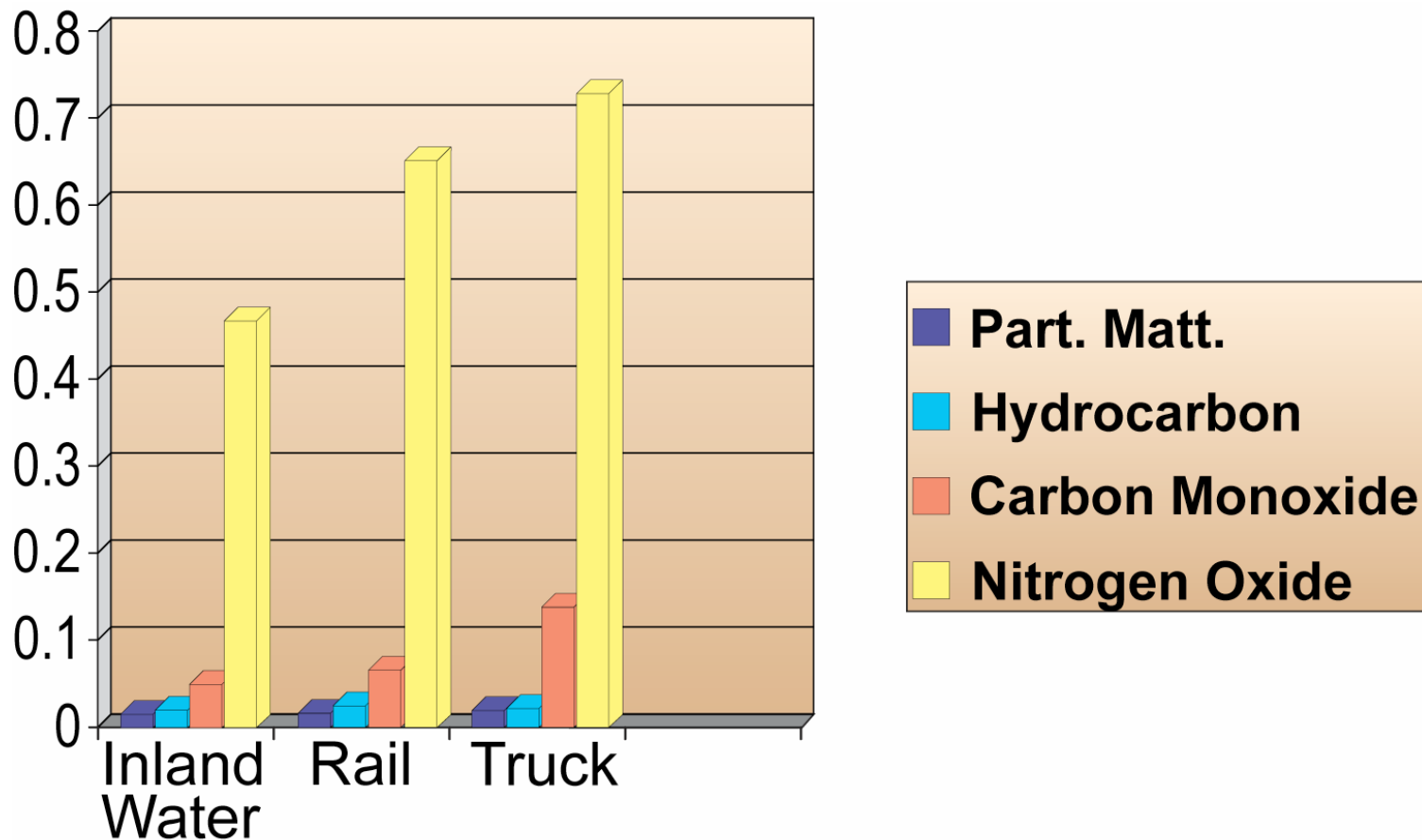


Modal Comparisons for Coal Transportation





Emissions characteristics by mode





Fuel Comparison by mode – ONE gallon of fuel moves ONE ton of freight.....

Truck



132 MILES

Rail



436 MILES

Inland Water



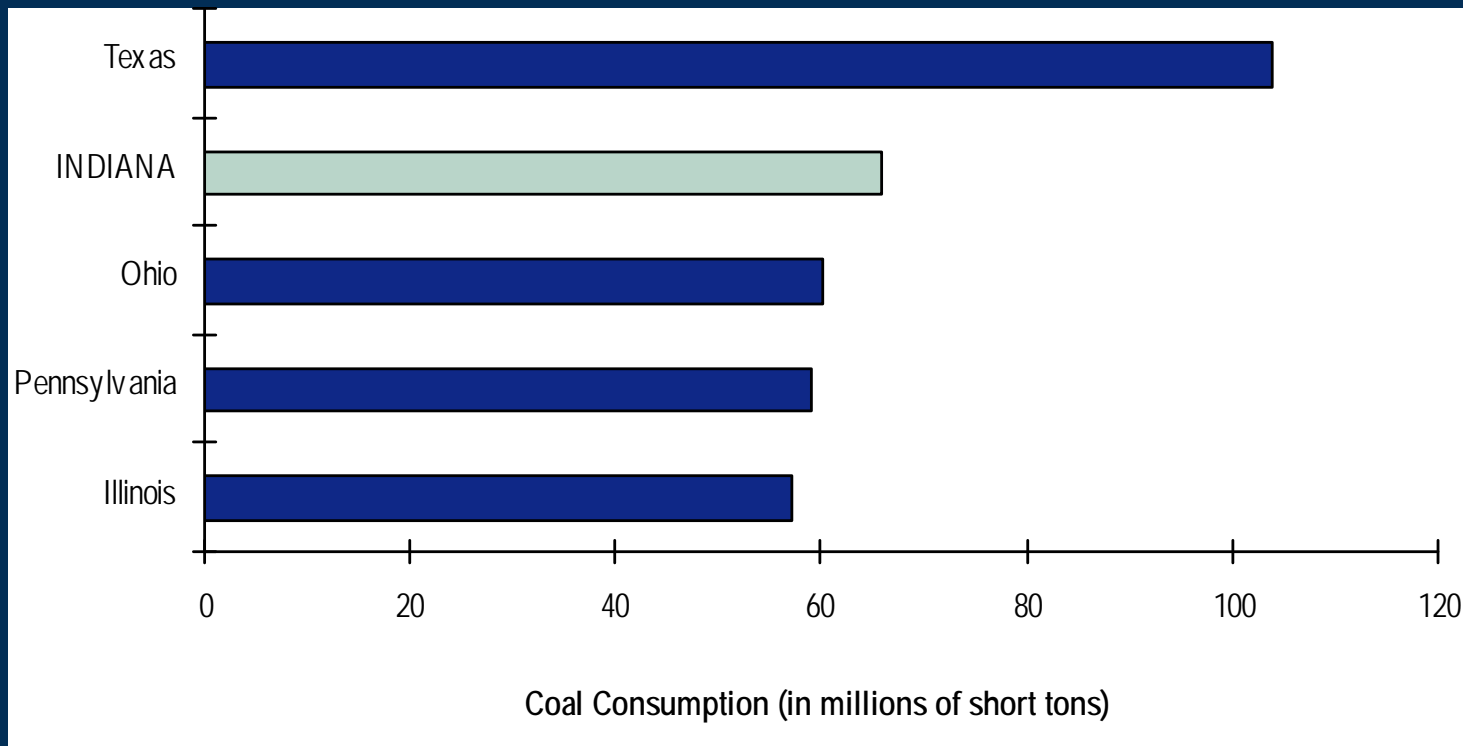
514 MILES





Indiana's Energy Industry

Top Coal Consuming States (2006)



Source: National Mining Association and U.S. Energy Information Administration, 2006





Bottom Line

- + Indiana's marine freight industries are vibrant with capacity to expand**
- + Indiana's roadway network is healthy and getting better due to Major Moves**
- Indiana lacks rail service to/from the West**
- Indiana lacks efficient north-south rail routes for bulk commodities**
- Lack of east-west roadways in the northern portion of the state results in delays in the movement of freight around the Chicago metropolitan area**





Freight Movement is the Economy in Motion



K. Bucklew 2007



For More Information, Contact.....



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